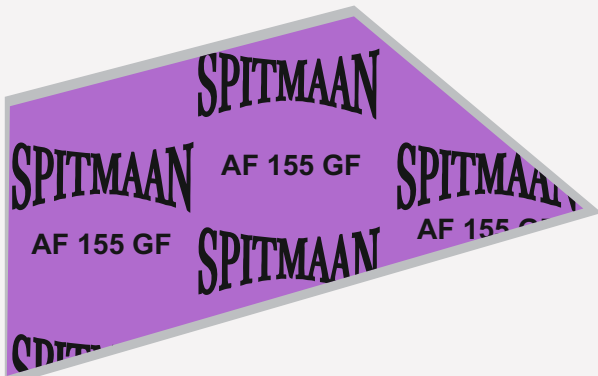




Composition

Aramid Fibre, Glass Fibre, Mineral Fibre, Inorganic Fillers And HNBR Elastomer. Optional Steel Wire Mesh Insert On Request.



Recommended Applications/ Industries

Premium Grade Gasketing Material Suitable For Use In Super Heated Steam, Automobiles, Shipbuilding, Power Plant Equipments, Fertilizers And Petrochemicals, Dilute Acids & Alkalies. High Service Conditions.

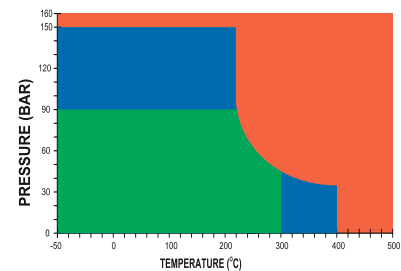


AVAILABLE SIZES

Standard Sheet Size (mm)	1600x4500/1500x6000/1500x1600/ 1500x1500/1500 x 2000 / 1500 x 3000/ 2000 x 6000/3000 x 3000		
Thickness (mm)	0.40 to 6.00 for Non Metallic & 0.50 to 6.00 for Metallic		
Thickness Tolerances (mm)	Upto & including 0.50 = ± 0.05		
	Over 0.50, Upto & including 1.00 = ± 0.10		
	Over 1, Upto & including 2.00 = ± 0.15		
	Over 2.00, = ± 0.20		
Gasket Factors	Thickness (mm)	"M" Factor	"Y" Factor (N/mm²)
	0.80	3.50	44.80
	1.60	2.75	25.50
	3.20	2.00	11.00

Note:

- All colours are available with antistick coating.
- All metallic insert sheets are available with graphite finish.
- Metallic sheets are available in GI / SS mesh as required.



P- T DIAGRAM EN 1514-1, Type IBC, PN 40, DIN 28091-2/3.8, 2 mm

- General suitability** - Under common installation practices and chemical compatibility.
- Conditional suitability** - Appropriate measures ensure maximum performance for joint design and gasket installation. Technical consultation is recommended.
- Limited suitability** - Technical consultation is mandatory.

P-T diagrams indicate the permissible combination of internal pressure and service temperature which can be applied simultaneously for a given gasket depending on its material type, thickness, size and tightness class. Given the variety of gasket applications and service conditions, these values should only be regarded as guidance for the proper gasket assembly. In general, thinner gaskets exhibit better P-T properties.

TECHNICAL INFORMATION

Compliance	BS 7531 Grade X
Category	Non Asbestos
Line Callout Number	ASTM104F711999A9E99L1257M9
Colour	Purple
Style	Non Metallic
	Metallic

Parameters	Standard	Unit	Value	
			Non Metallic	Metallic
Density	DIN 28090-2	gms/cc	1.65-2.00	1.65-2.00
Tensile Strength	ASTM F 152	Mpa	10.0-12.0	11.0-13.0
Compressibility	ASTM-F 36 J	%	≥ 10	≥10
Recovery	ASTM-F 36 J	%	≥ 50	≥ 50
Ignition Loss	ASTM-F 495-99a	%	≤ 30	≤ 30
Gas Permeability (Sealability against nitrogen)	BS 7531	ml/min.	≤ 1.00	≤ 1.00
Residual Stress	BS 7531 DIN 52913	Mpa	~25	~25
Flexibility @RT (Cracking, delaminating or distress)	BS 7531	---	OK	OK
Oil Absorption 5 H @ 150°C (Thickness/Mass)	BS 7531	%	≤ 7	≤ 7
Fuel B Absorption 5 H @ RT (Thickness/Mass)	ASTM F 146	%	≤ 7	≤ 7
Water Absorption 5 H @ 100°C (Thickness)	BS 7531	%	≤ 5	≤ 5
Short Term Temperature	-----	°C	450	500
Continuous Service Temperature	-----	°C	400	450
Max. Continue Temperature with steam	-----	°C	375	425
Pressure	-----	bar	150	160

For detailed selection criteria, technical information, installation guideline and a complete listing of local sales offices please visit www.spitmaan.com

CHAMPION JOINTINGS PVT LTD.

15, Parsi Panchayat Road, Andheri East, Mumbai 400069 INDIA.

+91 22 40888000

CJPL@spitmaan.com

www.spitmaan.com